DPQCN8025Z 11-26-14 EN

IP PTZ Camera
Quick Installation Guide

IMPORTANT!
You should read and understand this guide before proceeding in order to ensure proper operation of your camera.

Gather Your Components.
You will need:

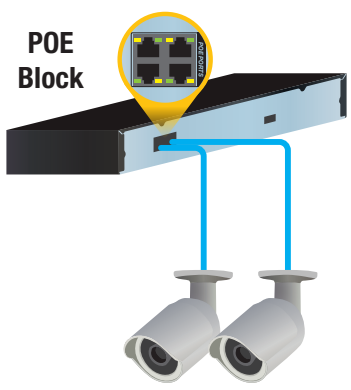
1. A power screw driver/drill to mount your cameras. A Philips head and 3/16” drill bit are required.
2. A bubble or spirit level to ensure proper orientation of the mounting bracket.
3. A pencil or small marker to mark the mounting holes.

Connecting the Camera

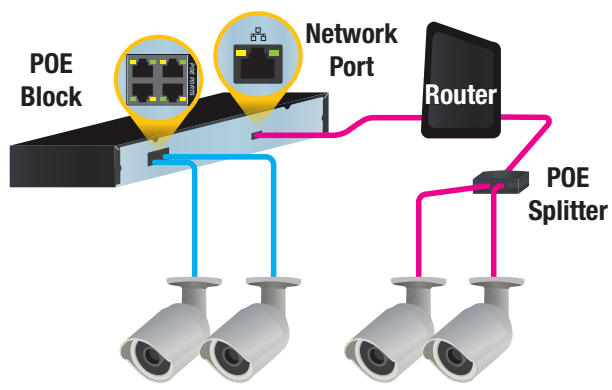
Internet Protocol (IP) or Network cameras are different from conventional video surveillance cameras by having their own internal processor which allows them to operate as a stand-alone device or to communicate with other networked devices. This not only allows you greater flexibility in how you connect them to your NVR, but it also gives you more choices in where you place your cameras.

This poster covers only the direct connection method *(Option 1, below)* where the camera is plugged into the POE port on the back of the NVR. If you will be using one of the other methods, or if you will be using this camera without an NVR, please consult the manual located on the CD that was included with this camera.

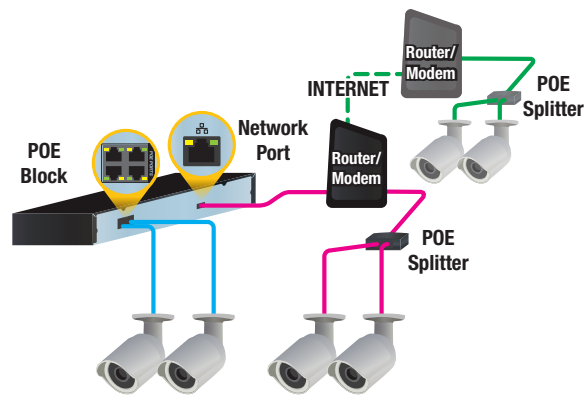
OPTION 1: Direct Connection
Camera is connected directly to the NVR through a POE port on the back of the unit. No additional cords are required.



OPTION 2: Local Network Connection
Camera is connected to the NVR through the same network router. You will need to use the included 24V power supply.

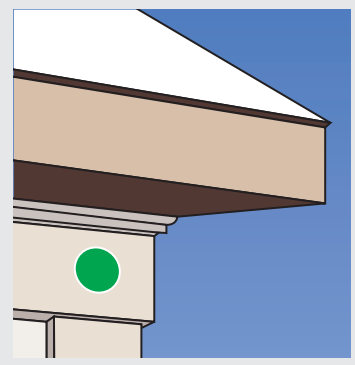


OPTION 3: Internet Connection
Camera is connected to the NVR through the Internet. You will need to use the included 24V power supply.



Mounting the Camera

When installing your camera, it is important to select a proper site not only for field of view, but for other considerations as well. The optimal location for your camera will depend on your unique circumstances. As a general rule, the location highlighted in green in the picture to the right indicate the best place to mount your camera as it is under the eaves and high up, but you should also take into consideration:



- **Distance from viewing/recording device**.
- **Proximity to high voltage wires or other sources of electrical interference.**
- **Camera should be out of reach to avoid damage.**
- **Avoid direct exposure to weather.**
- **Do not place camera behind a window.**

Expanded information on these aspects can be found in your camera’s manual.

Installation

Your camera is designed to be mounted on a wall using the included bracket.

BEFORE INSTALLING YOUR CAMERA: Use the included torx (star) wrench to loosen the three housing bolts to open the lens cover. We have also included fabric gloves with your camera to help you prevent getting fingerprints or scratches inside or outside of the clear glass dome or camera lens. Do not remove the bolts from the cover.

Remove the foam shipping insert from the camera head along with the lens cap. These items will keep the camera from functioning properly. Replace the lens cover. Take care to not touch or move the camera mechanism or leave fingerprints or dust on the lens or the inside of the lens cover during this process.

1. Run the included 100’ network cable from the NVR to the camera’s location or a network port.
2. Use the mounting bracket to mark the position for the mounting holes. Ensure that the camera will be horizontal by using a spirit or bubble level. Also mark location of hole for cables to pass through the mounting surface.
3. Drill the mounting and cable holes.
4. Insert included mounting anchors into surface.
5. Screw mounting collar onto camera body.
6. Feed the cables through the mount and out the hole in the back before securing the camera/collar assembly to the mounting bracket.
7. Tighten the three retaining screws on the collar so that the camera housing does not turn.
8 Connect the camera cables to the extension cable.
9. Secure the camera and mount assembly to the wall using the included screws.

You should now continue with the set-up of your remaining cameras and NVR before proceeding with the other side of this guide.

Using the Camera

If you have not already done so, please connect your camera to the NVR through one of the POE ports at this time. The camera and NVR will communicate and the cameras video should appear in less than a minute.

Direction is controlled by clicking and holding on a directional arrow button.

Select speed from 1 (slowest) to 8 (fastest).

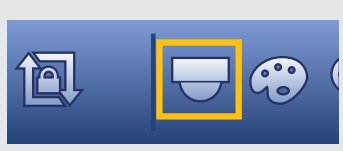
Zoom, **Focus** and **Iris** (light level) can be adjusted using the

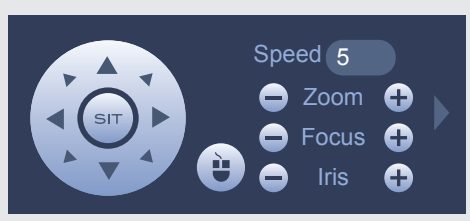
and buttons.

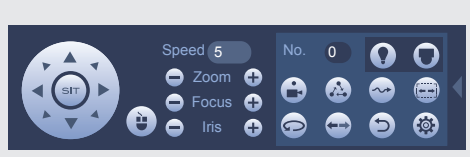
Clicking on the blue area at the center of the directional controls will hide the control panel and allow you to select an area to zoom in on with the cursor. Right-clicking with the mouse will return you to the control panel.

Right-click the mouse to bring up the **Shortcut Menu** (right) allowing you to select the Pan/Tilt/Zoom controls.

You can also open the controls by clicking on the PTZ icon in the **Control Bar** (below right) at the bottom of the screen.







Click on the arrow at the far right to open the expanded controls which allows you to program and run saved functions.

NOTE! IP PTZ cameras do not require additional control wires (RS485) to operate.

Programming the Camera

Clicking the **Set** button in the PTZ Control Panel opens a new window in addition to leaving the PTZ Control Panel active. This window allows you to set up the PTZ's Preset, Tour, Pattern and Border functions.

Preset

1. Enter a number for this point. (1-80)
2. Use the eight direction arrows on the PTZ Control Panel to position the camera where you want.
3. Click **Set**.

To create another preset point, change the Preset Number and repeat steps 2 and 3. You can program up to 80 Preset Points. When you have created the desired preset points, you may use them to create a tour.

Tour

A tour is the sequence of points that your camera will move to automatically before returning to its starting point and repeating. You can create up to 8 tours.

1. Enter the number (1-8) for this Tour.
2. Select the first Preset Point by entering its number.
3. Click **Add Preset**.
4. Enter additional points (up to 16) the same way).

You can remove a preset point by clicking on the Del Preset button and an entire tour can be deleted using the Del Tour button.

Pattern

The camera will record a pattern you create using the Directional Controls in real-time and will repeat it exactly when you run the pattern.

1. Enter the number (1-5) for this Pattern.
2. Move your camera to where you want to start the pattern.
3. Click Start to begin the recording. The camera will record each stop, the time spent at each point, the zoom, focus and other settings.
4. Click End when you have finished setting your pattern.

Border

Use this to set the left and right end points for the camera to shift between during its Auto-Scan. The camera will only rotate in a straight line between these two points There can be only one Auto-Scan path.

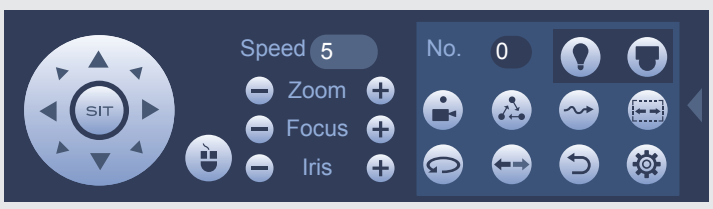
1. Move your camera to either the left or right point.
2. Click Left or Right and then move the camera to the other point.
3. Click the other button to select the end point.

- If you get your left and right points "backwards" the camera will still move between them, but facing the wrong way.
- When you select Auto-Scan in the PTZ Control window, the camera will move between these two points until stopped.

Running PTZ Functions

Launch a programmed function using the buttons in the far right of the expanded PTZ controls:

Enter the number of the function you wish to activate and select the function button to run that function.



	Aux	Controls additional features such as lamp or wipers. (If available)		Menu	Opens the camera's internal on-screen menu (if available).
	Preset Point	Moves camera to a pre-set point.		Tour	Camera will move to a sequence of pre-set points.
	Pattern	Camera will record your movements and then follow that path.		Auto-Scan	The camera will move horizontally between two points.
	Auto-Pan	Camera will automatically continue to rotate 360°		Flip	Flips video image.
	Stop/ Reset	Stops the camera's current action.		Config	Set up and save Preset Points, Tours, Patterns and borders for Auto Scan

Questions or Comments? Contact Us

24/7 Technical Resources at www.Q-See.com/support

Live Support Mon.-Fri. 6am to 7pm Sat & Sun 9am to 5pm Pacific time

www.Q-See.com